

## ABSTRACT

A normal mode noise suppressing circuit comprises: a noise suppressing section (10) provided on conductor lines (3, 4); and a capacitor (31) having an end connected to the conductor line (3) and the other end 5 connected to the conductor line (4). The noise suppressing section (10) comprises: a winding (15a) inserted to the conductor line (3); a winding (15b) coupled to the winding (15a) through a magnetic core (15c); an injection signal transmission path (19); a capacitor (16); and an inductance element (18). The injection signal transmission path (19) has an end connected to 10 the conductor line (3) and the other end connected to the conductor line (4). The winding (15b) and the capacitor (16) are inserted somewhere along the injection signal transmission path (19). The inductance element (18) is inserted to the conductor line (3) at a point between the winding (15a) and the node between the injection signal transmission path (19) and the 15 conductor line (3).